



12/24/03

PATENT  
Attorney Docket No. 030229

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : METHODS OF ATTENUATING  
Benjamin V. Treadwell : AUTOIMMUNE DISEASE AND  
Group Art Unit No.: COMPOSITIONS USEFUL  
Serial No.: 10/678,371 : THEREFOR  
: Filing Date: October 3, 2003  
:

INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15222

December 23, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant, in accordance with his duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advises the United States Patent and Trademark Office of the references listed on the accompanying form PTO/SB/08A (substitute for 1449A/PTO) *Information Disclosure Statement by Applicant*. A copy of each of the non-patent literature documents is herewith enclosed.

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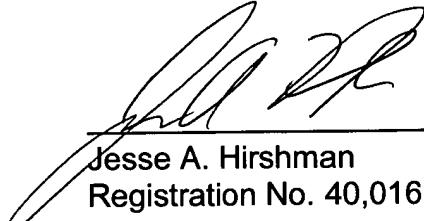
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Patricia A. Mach

Applicant notes that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Respectfully submitted,

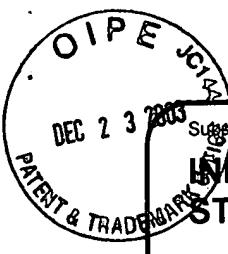


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Jesse A. Hirshman  
Registration No. 40,016

Attorney for Applicant

KIRKPATRICK & LOCKHART LLP  
Henry W. Oliver Building  
535 Smithfield Street  
Pittsburgh, Pennsylvania 15222-2312  
Telephone: (412) 355-8966  
Facsimile: (412) 355-6501  
E-mail: [jhirshman@kl.com](mailto:jhirshman@kl.com)



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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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of 3

**Complete if Known**

Application Number	10/678,371
Filing Date	October 3, 2003
First Named Inventor	Benjamin V. Treadwell
Group Art Unit	
Examiner Name	
Attorney Docket Number	030229

## U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 3,031,376	4/24/1962	Levin et al.	
		US- 3,863,633	2/4/1975	Ryde et al.	
		US- 4,623,667	11/18/1986	Gans et al.	
		US- 4,670,471	6/2/1987	Clark	
		US- 4,874,794	10/17/1989	Katz	
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		US- 5,135,956	8/4/1992	Borg et al.	
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		US- 2001/0034338A1	10/25/2001	Sorkin, Jr.	

## FOREIGN PATENT DOCUMENTS

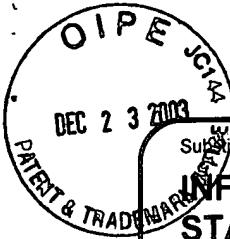
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.0.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		Number - Kind Code <sup>2</sup> (if known)			
		US- 2001/0034364A1	10/25/2001	Gasper et al.	
		US- 6,313,179	11/6/2001	Pope et al.	
		US- 6,355,274	3/12/2002	Dartey et al.	
		US- 2002/0077361A1	6/20/2002	Peet et al.	
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		US- 6,436,431	8/20/2002	Hoffpauer et al.	
		US- 2002/0132035A1	9/19/2002	Tamarkin et al.	
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		US- 2003/0060488A1	3/27/2003	Sugiyama et al.	
		US- 2003/0060500A1	3/27/2003	Mach	
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		US- 6,548,715	4/15/2003	Bouillon et al.	
		US- 6,559,174	5/6/2003	Lin et al.	
		US- 2003/0096876A1	5/22/2003	Gamble et al.	
		US- 6,569,461	5/27/2003	Tillyer et al.	
		US- 6,573,255	6/3/2003	Bretting	
		US- 6,613,920	9/2/2003	Steinmeyer et al.	

### FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

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Examiner Name	

Attorney Docket Number 030229

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Garcion, E., et al., Treatment of experimental autoimmune encephalomyelitis in rat by 1,25-dihydroxyvitamin D3 leads to early effects within central nervous system, Acta Neuropathol, 105:438-448, Jan. 2003.	
		Greenwood, J., et al., Lovastatin inhibits brain endothelial cell Rho-mediated lymphocyte migration and attenuates experimental autoimmune encephalomyelitis, FASEB J. 17(8):905-7, published online March 5, 2003.	
		Mariani, S. M., Silencing Autoimmunity in Multiple Sclerosis, Lupus, and Rheumatoid Arthritis, Highlights From the 90 <sup>th</sup> Meeting of the American Association of Immunologists, May 6-10, 2003, Medscape Molecular Medicine 5(1), 2003.	
		Wekerle, H., Tackling multiple sclerosis, Nature, 420:39-40, Nov. 7, 2002.	
		Youssef, S., et al., The HMG-CoA reductase inhibitor, atorvastatin, promotes a Th2 bias and reverses paralysis in central nervous system autoimmune disease, Nature, 420:78-84, Nov. 7, 2002.	
		Zittermann, A., Review article, Vitamin D in preventive medicine: are we ignoring the evidence?, British Journal of Nutrition, 89:552-572, May 2003.	

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